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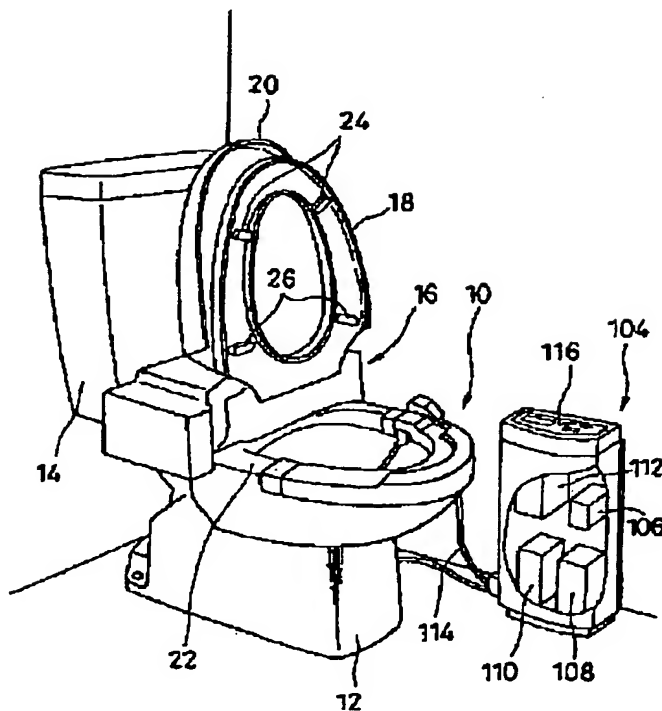
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APPLICANT : TOTO LTD;

INVENTOR : MATSUNO TAKANORI;

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TITLE : URINE ANALYZER



ABSTRACT : **PROBLEM TO BE SOLVED:** To analyze urine accurately and at a low cost by utilizing a surface plasmon resonance phenomenon and analyzing specific components contained in an urine sampled with a urine sampling means swung by a swinging arm supported capable of swinging.

SOLUTION: A urine sampling means 10 has a support fixed at a front half of a rim, and the support suspends the axis of a swinging arm holding a sampling vessel. When the accumulation of urine in the urine reservoir part is detected, a controller 106 drives a syringe pump 108 and sucks the urine sample through a urine carrier tube into the pump 108. The urine sample is sent to a urine analyzer unit 110 together with buffer liquid in a buffer liquid tank 112 and quantitatively analyzed. A biosensor analyzes specific components contained in the urine collected with the urine sampling means 10 making use of surface plasmon resonance phenomenon.

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